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OIPE

RAW SEQUENCE LISTING

DATE: 05/21/2001

PATENT APPLICATION: US/09/852,165

TIME: 09:57:36

Input Set : A:\00231regUS.ST25.txt

Output Set: N:\CRF3\05212001\I852165.raw

ENTERED

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3 <110> APPLICANT: Lind, Peter
4   Sejltitz, Torsten
5   Vogeli, Gabriel
6   Wood, Linda S.
8 <120> TITLE OF INVENTION: Novel G Protein-Coupled Receptors
10 <130> FILE REFERENCE: 00231regUS
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/852,165
C--> 12 <141> CURRENT FILING DATE: 2001-05-08
12 <150> PRIOR APPLICATION NUMBER: USSN 60/203,108
13 <151> PRIOR FILING DATE: 2000-05-08
15 <160> NUMBER OF SEQ ID NOS: 3
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1300
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
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29 tgctataatg ctaggaaatg ctttggtcat tttagctttt gtggtggaca aaaaccttag      180
31 acatcgaaat agttattttt ttcttaactt ggccatctct gacttctttg tgggtgtgat      240
33 ctccattcct ttgtacatcc ctcacacgct gttcgaatgg gattttggaa aggaaatctg      300
35 tgtatttttg ctcactactg actatctgtt atgtacagca tctgtatata acattgtcct      360
37 catcagctat gatcgatacc tgtcagtcct aaatgctgtg tcttatagaa ctcaacatac      420
39 tgggggtctt aagattgtta ctctgatggg ggccgttttg gtgctggcct tcttagtgaa      480
41 tggggccaat attctagttt cagagtcctg gaaggatgaa ggtagtgaat gtgaacctgg      540
43 atttttttcg gaatggtaca tccttgccat cacatcattc ttggaattcg tgatcccagt      600
45 catcttagtc gcttatttca acatgaatat ttattggagc ctgtggaagc gtgatcatct      660
47 cagtaggtgc caaagccatc ctggactgac tgcgtctctc tccaacatct gtggacactc      720
49 attcagaggt agactatctt caaggagatc tctttctgca tcgacagaag ttccctgcatc      780
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53 gaatagcaat acaattgctt ccaaaatggg ttcttctctc caatcagatt ctgtagctct      900
55 tcaccaaagg gaacatgttg aactgcttag agccaggaga ttagccaagt cactggccat      960
57 tctcttaggg gtttttgctg tttgctgggc tccatattct ctgttcacaa ttgtcctttc      1020
59 attttattcc tcagcaacag gtcctaaatc agtttggtat agaattgcat tttggcttca      1080
61 gtggttcaat tcctttgtca atcctotttt gtatccattg tgtcacaagc gctttcaaaa      1140
63 ggcctttctg aaaatatatt gtataaaaaa gcaacctcta ccatacaca acagtcgggc      1200
65 agtatcttct taaagacaat ttctcacact ctgtaaattt tagtotcaat ctacacataa      1260
67 tgaatcaggt ctgcccttta tcttgccctt ttcattctac      1300
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71 <211> LENGTH: 390
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 2
77 Met Pro Asp Thr Asn Ser Thr Ile Asn Leu Ser Leu Ser Thr Arg Val
78 1          5          10          15
80 Thr Leu Ala Phe Phe Met Ser Leu Val Ala Phe Ala Ile Met Leu Gly

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81          20          25          30
83 Asn Ala Leu Val Ile Leu Ala Phe Val Val Asp Lys Asn Leu Arg His
84          35          40          45
86 Arg Ser Ser Tyr Phe Phe Leu Asn Leu Ala Ile Ser Asp Phe Phe Val
87          50          55          60
89 Gly Val Ile Ser Ile Pro Leu Tyr Ile Pro His Thr Leu Phe Glu Trp
90 65          70          75          80
92 Asp Phe Gly Lys Glu Ile Cys Val Phe Trp Leu Thr Thr Asp Tyr Leu
93          85          90          95
95 Leu Cys Thr Ala Ser Val Tyr Asn Ile Val Leu Ile Ser Tyr Asp Arg
96          100          105          110
98 Tyr Leu Ser Val Ser Asn Ala Val Ser Tyr Arg Thr Gln His Thr Gly
99          115          120          125
101 Val Leu Lys Ile Val Thr Leu Met Val Ala Val Trp Val Leu Ala Phe
102          130          135          140
104 Leu Val Asn Gly Pro Met Ile Leu Val Ser Glu Ser Trp Lys Asp Glu
105 145          150          155          160
107 Gly Ser Glu Cys Glu Pro Gly Phe Phe Ser Glu Trp Tyr Ile Leu Ala
108          165          170          175
110 Ile Thr Ser Phe Leu Glu Phe Val Ile Pro Val Ile Leu Val Ala Tyr
111          180          185          190
113 Phe Asn Met Asn Ile Tyr Trp Ser Leu Trp Lys Arg Asp His Leu Ser
114          195          200          205
116 Arg Cys Gln Ser His Pro Gly Leu Thr Ala Val Ser Ser Asn Ile Cys
117          210          215          220
119 Gly His Ser Phe Arg Gly Arg Leu Ser Ser Arg Arg Ser Leu Ser Ala
120 225          230          235          240
122 Ser Thr Glu Val Pro Ala Ser Phe His Ser Glu Arg Gln Arg Arg Lys
123          245          250          255
125 Ser Ser Leu Met Phe Ser Ser Arg Thr Lys Met Asn Ser Asn Thr Ile
126          260          265          270
128 Ala Ser Lys Met Gly Ser Phe Ser Gln Ser Asp Ser Val Ala Leu His
129          275          280          285
131 Gln Arg Glu His Val Glu Leu Leu Arg Ala Arg Arg Leu Ala Lys Ser
132          290          295          300
134 Leu Ala Ile Leu Leu Gly Val Phe Ala Val Cys Trp Ala Pro Tyr Ser
135 305          310          315          320
137 Leu Phe Thr Ile Val Leu Ser Phe Tyr Ser Ser Ala Thr Gly Pro Lys
138          325          330          335
140 Ser Val Trp Tyr Arg Ile Ala Phe Trp Leu Gln Trp Phe Asn Ser Phe
141          340          345          350
143 Val Asn Pro Leu Leu Tyr Pro Leu Cys His Lys Arg Phe Gln Lys Ala
144          355          360          365
146 Phe Leu Lys Ile Phe Cys Ile Lys Lys Gln Pro Leu Pro Ser Gln His
147          370          375          380
149 Ser Arg Ser Val Ser Ser
150 385          390
152 <210> SEQ ID NO: 3
153 <211> LENGTH: 9

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154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <223> OTHER INFORMATION: Substrate peptide
162 <400> SEQUENCE: 3
164 Ala Pro Arg Thr Pro Gly Gly Arg Arg
165 1 5

VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date